



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
Sivakasi**

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC,
College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

1.3. CURRICULUM ENRICHMENT

**1.3.4. FIELD PROJECTS / INTERNSHIPS /
STUDENT PROJECTS**

FIELD VISIT



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
SIVAKASI – 626 123.**

(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC,
College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO CSI PRIMARY SCHOOL, ATHIKULAM
2019 – 2020

From

V.Nethra,
R.Iswaryao,
Assistant Professors,
Department of Nutrition & Dietetics,
SFR College for women,
Sivakasi.

To

The Principal,
S.F.R.College for Women,
Sivakasi.

Respected Madam,

Sub: Permission for School visit - reg

About 42 students and 2 faculty members of Nutrition and Dietetics department are going to visit CSI Primary school, Athikulam on 10.03.2020. Kindly give permission to avail On Duty on that day.

Accompanying staff:

1. V.Nethra,
2. R.Iswaryao

Thanking you,

Place: Sivakasi,
Date : 09.03.2020.

Yours Faithfully,
V.Nethra,
R.Iswaryao

Signature of the Head In-charge

Principal 1/c



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DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO CSI PRIMARY SCHOOL, ATHIKULAM
2019 – 2020

**Name list of the students:
I B.Sc., Nutrition and Dietetics**

S.No	Roll.No	Name
1.	1915008	M.Gangadevi
2.	1915019	T.Ganga Lakshmi
3.	1915017	A.Gethseyal
4.	1915045	S.Gokiladevi
5.	1915012	V.Gomathilakshmi
6.	1915037	G.Harinisri
7.	1915044	K.Jenifer
8.	1915009	L.Kaleeswari
9.	1915021	K.Mahalakshmi
10.	1915041	M.Manmatharani
11.	1915002	P.Mathana
12.	1915033	M.Meenakshi
13.	1915003	M.Menakadevi
14.	1915013	A.Nanthini
15.	1915016	M.Pandeeswari
16.	1915023	P.Pandimeena
17.	1915031	N.Ponsakthi
18.	1915039	M.Por Selvi
19.	1915027	S.Pourna Devi
20.	1915007	S.Safia
21.	1915006	K.Samrithi
22.	1915035	R.Saranya
23.	1915014	E.Stella
24.	1915018	M.Subha Lakshmi
25.	1915024	K.Sudha
26.	1915026	S.Sudha Lakshmi
27.	1915020	K.Usha
28.	1915005	S.Amirtha Varshini
29.	1915011	J.Ananthashree
30.	1915028	K.Angusha
31.	1915047	B.Bhuvaneshwari
32.	1915040	P.Dharshini
33.	1915044	V.Ishwarya
34.	1915015	S.Mahadevi
35.	1915004	C.Muthu Lakshmi
36.	1915030	R.Muthu Priya
37.	1915046	S.Renuka Devi
38.	1915029	K.Sabarmathi
39.	1915010	S.Sushmitha
40.	1915025	A.Nisha Alfin
41.	1915042	G.Lavanya



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DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO CSI PRIMARY SCHOOL, ATHIKULAM
2019 – 2020

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DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT
2019-2020



Place of Visit: C.S.I. Primary School, Athikulam
Participants: I B.Sc., Nutrition and Dietetics – 43 Students
Date 10.03.2020

Place of Visit: C.S.I. Primary School, Athikulam
Participants: I B.Sc., Nutrition and Dietetics – 43 Students on 10.03.2020



Place of Visit: Hotel Germanous, Madurai
Participants: III B.Sc., Nutrition and Dietetics – 41 Students
Date: 11.03.2020

Place of Visit: Hotel Germanous, Madurai
Participants: III B.Sc., Nutrition and Dietetics – 41 Students on 11.03.2020



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DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO CSI PRIMARY SCHOOL, ATHIKULAM
2019 – 2020

**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
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Name of the activity : "Assessment of Language, cognitive and social development
for school going children"
Date & Time : 10.03.2020 & 9.00 am to 3.00 pm
Staff Member : V.Nethra and R. Ishwaryao
No. of Students involved : 41
Beneficiaries : C.S.I. Primary School, Athikulam.

The school visit had been organised to assess and observe the language, cognitive and social development among pre – school children by the I UG students of the Department of Nutrition and Dietetics from The Standard Fireworks Rajaratnam College for women on 10.03.2020. The 42 students along with 2 staff members went to C.S.I Primary School, Athikulam. The college bus started at 9.00 am and reached the school by 9.30 am.

After reaching the school campus, the Head Mistress invited everyone and introduced the students to the other faculty members. The students were then separated into groups and sent to different classes. The session started by 10.30 am and the students conducted various activities like teaching rhymes, stories and their ability to recall, pronunciation and social skills have been conducted and assessed the language, cognitive and social skills of the children. They were very happy and highly satisfied in our work and the session got over by 2.30pm.

We express our heartfelt thanks to the Higher authorities of S.F.R college for giving permission to conduct the school visit.


Head in Charge


Principal
PRINCIPAL
The Standard Fireworks Rajaratnam
College for Women,
SIVAKASI.



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DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO CSI PRIMARY SCHOOL, ATHIKULAM

2019 – 2020

Course Syllabus

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS)
SIVAKASI
DEPARTMENT OF NUTRITION AND DIETETICS
B.Sc. NUTRITION AND DIETETICS
SEMESTER II

GLND2AL – ALLIED LAB – I

(For those admitted in June 2017 and later)

Contact hours per week : 04
Total number of hours per semester : 60
Number of credits : 02

Course outcomes

On successful completion of the course, the learners should be able to

CO1: identify and explain the structure and functions of various human organs.

CO2: examine the microscopic structure and functions of various glands.

CO3: experiment blood grouping and relate blood coagulation process.

CO4: define various techniques involved in assessing the child development.

CO5: develop skills in child development and care.

CO-PO Mapping table (Course articulation matrix)

COs \ POs	POs						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	1	-	-	-	-	-	-
CO2	3	3	1	-	-	-	-
CO3	9	3	3	-	-	-	-
CO4	9	3	9	1	-	-	3
CO5	9	3	3	-	-	-	3
Weightage of the course (W)	31	12	16	1	-	-	6
Weighted percentage of course contribution to Pos	3.01	1.63	3.43	0.35	-	-	4.11

Human Physiology:

Practical:

- a. Study of blood – WBC, RBC counts and Estimation of haemoglobin.
- b. Blood group identification.
- c. Measuring of blood pressure.
- d. Determination of coagulation time of blood & bleeding time.
- e. Structure of heart, digestive system, kidney, reproductive organs - ovary, uterus and testis.
- f. Microscopic structure of various endocrine glands – thyroid, pituitary and adrenal.

Human Development:

Practical:

- a. Visit to nursery school to study the preschoolers.
- b. Observations in developments of preschoolers – Physical, Motor, social, emotional, and language developments for 4 weeks.
- c. Study on adolescent's attitudes towards adult & adult's attitudes towards adolescents.
- d. Survey on problems of old age.

Allot 2 hours for Practical.



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**DEPARTMENT OF NUTRITION AND DIETICTICS
FIELD VISIT TO GERMANUS HOTEL, MADURAI**

2019 – 2020

From

R. Dharani,
J. Merlin Rani,
Department of Nutrition & Dietetics,
SFR College For Women,
Sivakasi.

To

The Principal,
SFR College For Women,
Sivakasi.

Respected Sir/ Madam,

Sub: Seeking permission for field visit- reg-

As about 41 students and 2 staff members from the department of
Nutrition and Dietetics of our college would like to go on a field visit to **Hotel Germanus**,
Madurai on 11.03.2020 to learn about **Food Service Management and House Keeping** as a
part of their curriculum. Kindly permit us.

Accompanying Staff members:

R. Dharani,
J. Merlin Rani,
Students Name List is enclosed below.

Thanking You,

09.03.2020
Sivakasi

Signature of the Head in Charge

Yours sincerely,

T. Palaverani

Principal

PRINCIPAL
The Standard Fireworks
Rajaratnam College
for Women,
SIVAKASI



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**DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO GERMANUS HOTEL, MADURAI**

2019 – 2020

Name list of the students

III B.SC NUTRITION AND DIETETICS

S.No	NAME	ROLL NO
1.	JUHI VARSHA R	1715001
2.	JEEVANA PRIYADHARSHINI	1715002
3.	SIVARANJANI P S	1715003
4.	KALESSWARI P	1715004
5.	SANTHOSHI PRIYA B	1715005
6.	JAYANTHI SELVA SUNDARI M	1715006
7.	ARCHANA N	1715007
8.	LAVANYA A	1715008
9.	GOPIKHA DEVI R	1715009
10.	AMUTHA T	1715010
11.	KARTHEESWARI R	1715011
12.	BALAGANESWARI M	1715012
13.	REVATHI K	1715013
14.	DEEPIKA I	1715014
15.	MUTHULAKSHMI K	1715015
16.	ROJINI B	1715018
17.	MURUGALAKSHMI M	1715019
18.	VIJAYALAKSHMI S	1715020
19.	SELVA PRIYA R	1715021
20.	NIRMALA DEVI B	1715022
21.	ABIRAMI G	1715023
22.	KASTHURI R	1715024
23.	JENCY JEBA RANI D	1715025
24.	MUTHUSELVI M	1715027
25.	JEBA PRABHA C	1715028
26.	SIVA BHARATHI B	1715029
27.	MANJU M	1715031
28.	MAREESWARI S	1715032
29.	KAVITHA T	1715033
30.	LITHIYAL R	1715034
31.	UMA B	1715035
32.	BIRUNDHIGA K	1715037
33.	ATCHAIYA S	1715038
34.	GAYATHRI P K M	1715039
35.	ISWARIYA LAKSHMI M	1717040
36.	JOTHI PRIYA DHARSINI E	1717041
37.	AMIRTHA RAJASRI M	1717042
38.	SORNALATHA J	1717043
39.	HARINIK A R	1717044
40.	KALAIVANI M	1717045
41.	DEVAJANCY RANI J	1717046



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**DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO GERMANUS HOTEL, MADURAI**

2019 – 2020

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UGC and Mentor Institution under UGC PARAMARSH)

Name of the activity : Germanus Hotel Visit
Date & Time : 11.03.2020 & 8.00 am to 5.00 pm
Staff Members : Ms. R. Dharani & Mrs. J. Merlin Rani
No. of Students involved : 41

As a part of Food Service Management, about 41 students of III B.Sc Nutrition and Dietetics department from The Standard Fireworks Rajaratnam College for women were taken to the Hotel Germanus, Madurai, on 11.03.2020. We reached the hotel by 10.30 am. We had been taken around to different departments in the hotel including Front office, Food and Beverage, the storage area where the different storage methods and process employed were taught by the hotel managers, Inventory control and Housekeeping departments had been well explained by them. Our students learnt towel folding and serving area techniques and menu types.

The students also had the interactive sessions with the managers of the different departments and the management principles have been well explained by them. The session got over by 3 pm and we came back by 5pm in the evening. We express our heartfelt thanks to the Higher authorities of S.F.R college for giving permission to conduct the hotel visit.


Head In Charge


Principal
PRINCIPAL
The Standard Fireworks Rajaratnam
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**DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO GERMANUS HOTEL, MADURAI**

2019 – 2020

Course Syllabus

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
SIVAKASI
DEPARTMENT OF NUTRITION AND DIETETICS
B.Sc NUTRITION AND DIETETICS
ELECTIVE COURSE
SEMESTER VI

GLND6E2 – FOOD BIOTECHNOLOGY

(For those admitted in June 2017 and later)

Contact hours per week : 05
Total number of hours per semester : 75
Number of credits : 05

Course Outcomes

On successful completion of the course, the learners should be able to

CO 1: apply the idea of Genetically Modified Foods its benefits and hazards.

CO 2: categorize the microbial fermentation technique and its applicability.

CO 3: elaborate the preparation of various valuable fermented food products.

CO 4: enlist the types, Processes and importance of immobilization techniques and their importance

CO 5: explain the concepts of functional foods and nutraceuticals in the field of food biotechnology.

CO-PO Mapping table (Course articulation matrix)

POs \ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	1	3	-	-	-	-	-
CO2	3	9	3	-	-	-	3
CO3	9	3	3	-	-	-	-
CO4	9	3	-	-	-	-	-
CO5	9	1	-	-	-	-	-
Weightage of the course (W)	31	19	6	-	-	-	3
Weighted percentage of course contribution to Pos	3.01	2.58	1.29	-	-	-	2.05

UNIT-I

(15 hrs)

Introduction to Food Biotechnology

Introduction to biotechnology- Genetically modified foods- Definition- examples of GM foods – advantages - disadvantages and safety aspects of foods produced by genetic engineering.

UNIT-II (15 hrs)

Food Fermentation

Food fermentation-Concept of microbial fermentation - fermentation process - Dual and multiple fermentation - continuous fermentation and batch fermentation - factors controlling fermentation.

UNIT-III (15 hrs)

Fermented Food Products

Fermented food products- Beer – wine- vinegar – sauerkraut – temph - soya sauce - cheese and bread - Preparation.

UNIT-IV (15 hrs)

Roles of enzymes in Food Industries

Enzymes in food processing industries - Principles of enzyme immobilization - Types of immobilization techniques and their importance - Immobilized enzymes in food processing.

UNIT-V (15 hrs)

Functional foods and Nutraceuticals

Functional foods and Nutraceuticals - Introduction and concept definition - Classification and therapeutic role of Nutraceuticals.

References:

1. Mary, k. Schmidl and Theodre, P. Labuza, Essentials of functional foods, Culinary and Hospitality Industry Publication Services, 2000.
2. Israel Goldberg, Functional foods, Pharma foods and Nutraceuticals, Culinary and hospitality Industry Publication Services, 2001.
3. Robert Easy Wildman, Handbook of Nutraceuticals and functional foods, Culinary and Hospitality Industry Publication Services, 2001.
4. Owen Pward, Fermentation Biotechnology Principles, Processes and Products, Prentice H New Jersey, 1989.
6. Frazier and West Hoff, Food Microbiology, Tata Mc Graw Hill Publishing Company Ltd, New Delhi, 1995



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DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO EDUCATIONAL TOUR, MYSORE
2019 – 2020

From

K. Jansi Rani,
R. Dharani,
Assistant Professor,
Department of Nutrition and Dietetics,
The Standard Fireworks Rajaratnam College for Women,
Sivakasi.

To

The Principal,
The Standard Fireworks Rajaratnam College for Women,
Sivakasi.

Respected Madam,

Sub: - Seeking permission for the educational tour -reg

About 72 Nutrition and Dietetics major students of our esteemed institution
would like to go on two days educational tour to Mysore on 8th and 9th January, 2020. Four
faculties will be accompanying them. Kindly permit us for this educational tour.

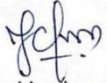
(Name list of the students enclosed)

Thanking you,

02.01.2020

Sivakasi.

Yours Sincerely,


Head in-charge


Co-ordinator


PRINCIPAL
PRINCIPAL
The Standard Fireworks Rajaratnam
College for Women,
SIVAKASI.



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**DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO EDUCATIONAL TOUR, MYSORE**

2019 – 2020

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(Autonomous) SIVAKASI**

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College with Potential for Excellence by UGC)*

**DEPARTMENT OF NUTRITION AND DIETETICS
TWO DAY EDUCATIONAL TOUR 2019 - 2020
STUDENTS NAME LIST**

S.No	Roll No.	Name of the Student	Age
I B. Sc NUTRITION AND DIETETICS			
1.	1915017	Gethseeyal A	17 yrs
2.	1915045	Gokila Devi S	17 yrs
3.	1915035	Saranya R	17yrs
4.	1915037	Harini Sri G	17 yrs
5.	1915033	Meenakshii M	17 yrs
6.	1915003	Menaka Devi M	17 yrs
7.	1915013	Nanthini A	17 yrs
8.	1915025	Nisha Alphin A	17 yrs
9.	1915016	Pandi Meena P	17 yrs
10.	1915007	Safiya S	17 yrs
11.	1915006	Samrithi K	17 yrs
12.	1915014	Stella E	17 yrs
13.	1915026	Sudha Lakshmi S	17 yrs
14.	1915015	Maha Devi	17 yrs
II B. Sc NUTRITION AND DIETETICS			
15.	1815010	Manisha S	18yrs
16.	1815011	Deepika R	18 yrs
17.	1815003	Safin Meera	18 yrs
18.	1815022	Raji R	18 yrs
19.	1815035	Jeyaprabha P	18 yrs
20.	1815005	Jeyashree G	18 yrs
21.	1815008	Kavya J	18 yrs
22.	1815034	Keerthika I	18 yrs
23.	1815002	Latha Devi K	18 yrs
24.	1815020	Ramya R	18 yrs
25.	1815017	Sindhuriyammal T	18 yrs
26.	1815025	Sindhuja R	18 yrs
27.	1815038	Swetha V	18 yrs
28.	1815015	Tharun Lakshmi V	18 yrs
29.	1815030	Uma Bharathi K	18 yrs
30.	1815039	Veeramareeshwari T	18 yrs
31.	1815006	Viswa Roopa B	18 yrs
32.	1815016	Vidhya Sri B	18 yrs
33.	1815037	Yogini C.B	18yrs
34.	1815035	Guna C	18 yrs
35.	1815023	C. Ramya sri	18 yrs
36.	1815012	Saravana Prabha	18 yrs
III B. Sc NUTRITION AND DIETETICS			
37.	1715023	G.Abirami	20yrs
38.	1715042	M.Amirtha Rajasri	20yrs
39.	1715010	T.Amutha	20yrs
40.	1715007	N.Archana	20yrs
41.	1715037	K.Birundhiga	20yrs
42.	1715014	T.Deepika	20yrs
43.	1715046	J.Deva Jancy Rani	20yrs



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**DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO EDUCATIONAL TOUR, MYSORE**


2019 – 2020

44.	1715039	P.K.M Gayathri	20yrs
45.	1715009	R.Gopikha Devi	20yrs
46.	1715044	R.Harinika	20yrs
47.	1715006	W.Jayanthi Selva Sundari	20yrs
48.	1715002	S.Jeevanapriyadharshini	20yrs
49.	1715025	D.Jency Jebarani	20yrs
50.	1715028	C.Jeyaprabha	20yrs
51.	1715041	E.Jothi Priya Dharsini	20yrs
52.	1715001	R.Juhi Varsha	20yrs
53.	1715045	M.Kalaivani	20yrs
54.	1515011	R.Kartheeswari	20yrs
55.	1715024	R.Kasthuri	20yrs
56.	1715033	T.Kavitha	20yrs
57.	1715038	A Lavanya	20yrs
58.	1715034	R.Lithiyal	20yrs
59.	1715031	M.Manju	20yrs
60.	1715032	S.Mareeswari	20yrs
61.	1715019	S.Murugalakshmi	20yrs
62.	1715015	K.Muthulakshmi	20yrs
63.	1715022	B.Nirmaladevi	20yrs
64.	1715013	K.Revathi	20yrs
65.	1715018	B.Rojini	20yrs
66.	1715005	D.Santhoshi Priya	20yrs
67.	1715021	R.Selvapriya	20yrs
68.	1715003	P.Siva Ranjani	20yrs
69.	1715029	B.Sivabharathi	20yrs
70.	1715043	J.Sornalatha	20yrs
71.	1715035	B.Uma	20yrs
72.	1715020	S.Vijayalakshmi	20yrs

Staff Members:

1. Mrs. K. Jansi Rani Assistant Professor
2. Ms. R. Dharani Assistant Professor
3. Ms. S. V. Sarvani Assistant Professor
4. Ms. R. Iswaryao Assistant Professor


HEAD INCHARGE


PRINCIPAL
The Standard Fireworks Rajaratnam
College for Women,
SIVAKASI.



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DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO EDUCATIONAL TOUR, MYSORE
2019 – 2020

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(AUTONOMOUS), SIVAKASI**


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Name of the activity : Two days Educational tour
Date : 08.01.2020 – 09-01-2020
Staff Members : Ms. R. Dharani & Mrs. J. Merlin Rani
No. of Students involved : 41
Places visited : Karnataka State Beverages Corporation
Karnataka Milk Factory

Department of Nutrition and Dietetics had organized the 2 days' educational tour to Mysore to visit the two important industries that were very helpful for the students to get industrial exposure. First, on 08.01.2020, the students were taken to Karnataka Milk Factory and they observed and learnt the different industrial methods like processing of milk, pasteurization, butter and cheese production, packaging unit and also the Quality checking of the milk products in different stages of products.

On the next day (i.e) 09-01-2020, the students were taken to Karnataka State Beverages Corporation. There our students visited different departments around the industries and the industrial process of beer production includes mashing, fermentation process and ageing and maturation of beer were practically observed. The different types of beer and packaging units were visited and the entire processing were well explained by the Managers of the company.

We express our heartfelt thanks to the Higher authorities of S.F.R college for giving permission for the two days' educational tour.


Head In Charge


Principal
PRINCIPAL
The Standard Fireworks Rajaratnam
College for Women,
SIVAKASI.



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
SIVAKASI – 626 123.**

(Affiliated to Madurai Kamaraj University, Re-accredited with A Grade by NAAC,
College with Potential for Excellence by UGC and Mentor Institution under UGC PARAMARSH)

**DEPARTMENT OF NUTRITION AND DIETETICS
FIELD VISIT TO EDUCATIONAL TOUR, MYSORE**

2019 – 2020

**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN,
(Autonomous) SIVAKASI**

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College with Potential for Excellence by UGC)*

DEPARTMENT OF NUTRITION AND DIETETICS

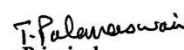
JUSTIFICATION FOR TWO DAYS EDUCATIONAL TOUR TO MYSORE

The visit to industry and production unit plays an important role in educating our learners in a practical and interesting manner. So taking our students to the industries related to their academics can help them learn and understand much better. Moreover, practical knowledge is essential rather mere theoretical and book based education. Hence it is imperative in higher studies to take the students to units of production and processing of food products. Further, the students will be asked to write a report about their educational visit and will be submitted to the department for assessment. The proposed two days educational tour to Central Food Technology and Research Institute(CFTRI), Karnataka Milk Products and Beer Production Unit, Mysore may fulfill the accorded permission.


Staff in charge


Head in Charge


Co-ordinator


Principal



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Course Syllabus

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS)
SIVAKASI
DEPARTMENT OF NUTRITION AND DIETETICS
B.Sc., NUTRITION AND DIETETICS
SEMESTER IV

GLND4AL – ALLIED LAB- II

(For those admitted in June 2017 and later)

Contact hours per week : 04
Total number of hours per Semester : 60
Number of Credits : 02

Food Preservation:

Course outcomes

On successful completion of the course, the learners should be able to

CO1: describe and prepare the preserved food by various preservation techniques.

CO2: adapt drying and rehydration methods to prepare food items and avoid wastage.

CO3: apply color harmony in flower arrangement.

CO4: develop skills in planning a budget for different income groups.

CO5: analyze sensory evaluation on foods for quality assurance of food products.

CO-PO Mapping table (Course articulation matrix)

COs	POs						
	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	-	-	-	-	-	-
CO2	1	9	-	-	-	-	-
CO3	9	9	9	-	-	-	-
CO4	9	3	3	-	-	-	-
CO5	9	3	3	-	-	-	-
Weightage of the course (W)	31	24	15	-	-	-	-
Weighted percentage of course contribution to POs	3.01	3.26	3.22	-	-	-	-

Practical:

1. Preparation of preserves – Squash, jams, jellies and marmalades.

2. Preparation of fruit beverages – clarified juice –Pomegranate, apple, orange and sweet lime.
3. Preparation of pickles (tomato, Lemon, Mango, mixed vegetable and onion & garlic pickle).
4. Drying of vegetables (cluster beans, carrot, onion, peas and potato vathal , vadams, sago, beaten rice and rice vadam).
5. Rehydration of vegetables- cluster beans, carrot, onion, peas and potato.
6. Sensory evaluation of the processed foods.
7. Visit to any food processing Unit.

Note: Practical should be done either as demonstration or in group. For each practical allot 2 hours.

Family Resource Management

Practical:

1. Picture mounting – wall hacking pictures, photo frame.
2. Flower arrangement- Types flower arrangement.
3. Accessories - To make different types of accessories with using locally available materials.
4. Planning a budget for different income group.
5. Preparation of prang colour chart.
6. Identification of colour harmony.